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CENTRAL INTELLIGENCE AGENCY

REP

INFORMATION REPORT

CD

COUNTRY East Germany

DATE DISTR. 12 January 1954

SUBJECT Status of the Development of Anti-Collision (Radar) Equipment at Funkwerk Koepenick

NO. OF PAGES 2

PLACE ACQUIRED

NO. OF ENCLS. (LISTED BELOW)

DATE OF INFO.

SUPPLEMENT TO REPORT NO. 25X1

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[redacted] status of development of the anti-collision shipborne radar device (Kollisions-schutzgeraet) under the supervision of Rudolf Manthey:

1. Status of Development

Power line	75 percent
Simultaneous transmission and reception circuit	75 percent
Pre-amplifier	75 percent
Intermediate frequency main amplifier	70 percent
Detuning amplifier	70 percent
Operation set	60 percent
Construction and trial of the installation	65 percent

2. Klystron Procurement

Those in charge of development were requested to see to it that purchase of klystrons type 723 A/B from the USSR be considered. As for klystrons type 723 A/B, which are delivered in East Germany, it was stated that no promises of delivery have been made.

3. Other Comments

A delay of the completion date of the anti-collision device is to be expected if the parts to be delivered by Departments T&T, TEO, TEG and TEA are not made available to Department TEE immediately for experiments.

It was pointed out with particular emphasis that investment funds for the device were cancelled without prior notification of the chief of development. As a result, the completion of the device is threatened.

The research study for the device, based on experience gained in 1952 and 1953, has been completed.

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25 YEAR RE-REVIEW

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The output of the antenna motor for A.C. current will have to be reduced from 180 W to 120 W, according to information received from the firm producing it.

2. [redacted] 25X1

a. Status of Development of Parts

Power line	80 percent
Simultaneous transmission and reception circuit	75 percent
Pre-amplifier	80 percent
Intermediate frequency main amplifier	75 percent
Retuning amplifier	70 percent
Operation set	65 percent
Construction and trial of the installation	65 percent

b. Centimeter Parts

The measurement sketches for the centimeter construction elements (klystrons and nulliodes) of the OSW firm 2/ were not yet available. The order was transmitted to OSW for the first time in February 1953.

M. sent word that it is impossible to procure klystrons from the USSR

[redacted]

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